

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 9, line 31 (and extending to page 10, line 8), with the following rewritten paragraph:

-- The method according to the invention is shown schematically in FIG. 1. In the first step, the individual musculoskeletal parameters of the particular patient are determined. These particularly include anthropometric data, such as the bone measurements and their densities, the points of gravity of the bones and other inertia parameters, the pelvis dimensions, the respective lengths of the thigh and lower leg, or the foot length. Other anthropometric data may also be included which are associated with the respective automatic determination of the individual musculoskeletal strains. Musculoskeletal strains are deformations to a bone or muscle of the musculoskeletal system that causes injury or weakening of a joint or tissue of the musculoskeletal system. --